



Partners and Collaborators:

- ✓ Private Landowner
- ✓ Nevada Division of Forestry

Acres to be Conserved or Treated:

- ✓ 10 acres of mixed conifer & aspen forest

Communities & Residents to be Affected or Protected:

- ✓ Elk Springs Subdivision, Camp Success Scout Camp, and private camping areas.
- ✓ 25 permanent, and 10 outbuildings

Watershed(s):

- ✓ Duck Creek Watershed
- ✓ Serves domestic aquifer recharge, agricultural irrigation aquifer recharge, livestock watering, and wildlife use.



Duck Creek Aspen Restoration

Project Purpose

Improve forest health by removing severe conifer encroachment and dying trees in native aspen stands to prevent stand conversion to conifer species. This will help create almost pure aspen stands that are well spaced and will be free of insect and disease. This project will also remove dying and hazard trees near private camping areas. Additionally, this project will help protect life and property from catastrophic wildfire for the Elk Springs Subdivision and Camp Success Scout Camp.

Project Treatments

Mechanical and hand removal of conifer and unhealthy aspen trees will occur along with chipping of all woody material. Firewood will be salvaged and utilized. This prescription will retain healthy aspen trees on the site.

Anticipated Impacts & Outcomes

Short-term benefits and impacts include more widely spaced trees in stands and some ground disturbance, which will provide for improving forest health over time due to reduced competition between species. Hazard trees within the private camping will also be reduced.

Long-term anticipated outcomes include promoting natural aspen tree regeneration, and hazardous fuels reduction in the treated aspen stands, making them more fire resistant and resilient. Maintenance of the treated area will also be easier in the future and require less funding for future treatments.

Project Details

Project Timeline	Start	to	End	Priority Landscape(s)
Project Scoping	9/2018		10/2018	Funding and treatments were targeted for this area because it is in the Schell Creek Range priority landscape in the Nevada Natural Resources Action Plan (http://www.stateforesters.org/forest-action-plans/nevada).
Resource Inventory	5/2019		5/2019	
Planning	5/2019		5/2019	
Funding Acquisition	12/2018		6/2019	
Implementation	9/2019		11/2019	
Monitoring	Pending			

Threats and Risks to the Area

Wildfire hazards exist this area. Since 2012 there have been two larger stand replacing fires west of the project area. The Chinn Fire in 2018, burned 350 acres and the Range fire in 2012 burned 2,500 acres. There have also been numerous single tree fires that have not posed any threats to the communities because they were easily and quickly suppressed. Threats due to wildfire exist not only to the community, but the forest resource as well which provides wildlife habitat, and helps maintain water quality.

National and Nevada's Cohesive Strategy

This project is part of the strategy because it allows federal, state and local agencies to be more effective and efficient at responding to and controlling wildfires, maintaining resilient landscapes, and creating fire-adapted communities.

Funding Source(s)

- Nevada Division of Forestry
- US Forest Service – State and Private Forestry Western Bark Beetle 2019 Grant.

For more information contact Gene Phillips at 775-849-2500 or gphillips@forestry.nv.gov
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